It is Sunday the 15th October 2006 and here is ANARTS
with our weekly RTTY broadcast bringing you - cast 1418.

Views expressed in this news bulletin are not necessarily

those of the Broadcast Officer, the Relay Officers, or of

the Society.

Items in this broadcast include

1. News item

2. IPS REPORT

3. VK2SG RTTY DX report

4. OPDX News

5. Anarts Information

A.N.A.R.T.S. News Bulletin 1418 for 15th of October 2006

AMSAT'S PROJECT EAGLE SATELLITE SHIFTS DIRECTION

AMSAT-NA has announced it's revamping the design of its
high-Earth orbit

Project Eagle satellite, currently in the development
stages. The next generation satellite will take maximum advantage of
software-defined transponder technology to

offer a broader range of easily accessible Amateur Radio
payloads. The AMSAT

Board of Directors okayed the Eagle upgrade plans during
the 2006 AMSAT-NA

Space Symposium and Annual Meeting held October 6-8 in
San Francisco. Eagle

Project Manager Jim Sanford, WB4GCS, outlined the changes
at his Space

Symposium forum October 7.

The structure which we have been presenting for several
years is not going

to meet our mission needs, Sanford explained. We have
moved on to a later

structure.

Under the new plan, Sanford says, Eagle's communications
payloads will

include a mode U/V linear transponder for SSB, CW and
other modes. A second

SSB/CW transponder will uplink on L band (1.2 GHz) and
downlink on S1 band

(2.4 GHz). Both would be usable over 75 percent of the satellite's orbit by

an AO-13 or AO-40-capable ground station, AMSAT says.

Something new to Amateur Radio satellites is a planned low-rate text

messaging system similar to cellular telephone SMS. Sanford said the

text-messaging capability may prove valuable for providing emergency and

disaster communication. It will operate in mode U/V and also will be

available to modest ground stations over 75 percent of Eagle's orbit.

Eagle will also carry an advanced communications payload. The ACP will

accommodate voice communication using an S2 band (3.4 GHz) uplink and a C

band (5.8 GHz) downlink via a single 60 cm dish on the ground. As an

alternative -- for stations in those parts of the world where 3.4 GHz is

unavailable -- Eagle will provide an additional L band uplink.

The ACP also will offer high data rate communication including the

possibility of full-motion compressed video in S2/C mode. The same mode also

could support an Internet link. Ground-station antennas for Eagle may even

pass muster in neighborhoods governed by private deed covenants, conditions

and restrictions, Sanford suggested.

During a presentation on the ACP, Matt Ettus, N2MJI, said one of the goals

of the package is to open up the satellite to a new base of users, not just

restrict it to elite satellite operators and sophisticated ground stations.

Embracing SDR technology simplifies signal handling, he explained, because

going digital is just a matter of transmitting bits up and down.

"The satellite doesn't really care what the bits
mean," he said. The

satellite "just reflects bits," and most
policy-type issues will be handled

by ground stations.

The satellite's signal will present one wideband downlink
containing

multiplexed data. There will be room for many, many
carriers in the

passband, Ettus predicted. The mix of users would be
apportioned among both

low and high-rate modes, depending on overall traffic.

Plans call for electronically steering the satellite's
antennas to mitigate

the effects of the spacecraft's spin and maximize the
spacecraft's

accessibility.

extracted from The ARRL Letter, Vol. 25, No. 41, October
13, 2006

IPS Weekly Solar and Geophysical Report for 6th to 12th
October, issued on 13th October by the IPS Radio and Space Services.

SUMMARY

Date
06 07 08
09 10 11
12

10cm flux
76 77 75
75 75 74
74

AFr index
2 7 6
3 0 2 (
3 estimated)

Aaus index
3 8 6
3 3 4 (
5 estimated)

T index 18
14 15 8
8 13 10

Solar flare activity was very low all week.

Geomagnetic activity observed for the Australian Region
was quiet on 6th, and 9th to 12th; quiet to active on 7th; and quiet to
unsettled on 8th.

Southern Australian Ionospheric F2 critical frequencies
were near predicted to 15 per cent enhanced on 6th; and near predicted for the
remainder of the period.

Forecast for 13th to 19th October

Solar activity: Very Low solar conditions are expected as
there are currently no

active regions on disk or any significant returning
regions expected.

Geomagnetic activity should be mostly quiet to unsettled
for this forecast period. There is a chance of isolated active periods on 14th
and 15th from

a recurrent coronal hole.

Frequencies should be near predicted monthly values. No
Short Wave fadeouts are expected.

courtesy of the IPS Radio and Space Services

summary by Pat VK2JPA ANARTS Broadcast Officer

RTDX1012 RTTY DX

VK2SG RTTY DX NOTES for week ending 12 October (BID
RTDX1012)

Our information this week came from AA5AU, I5FLN, DJ3IW,
UT5RP, GB7DXG and

the OH2AQ DX Summit.

Thank you all.

Bandpass

Friday 06

0314-7096 LX/PA6Z

0815-14081 A6/A92DU

0829-21090 6K5AYC

0910-14084 SA3ANZ

0918-14086 4L4CR

0919-14088 PT7AZ

0934-18102 AH2J via
JR1VAY

1015-18103 R1FJT

1146-14084 M1PRV/P

1159-14084 A6/A92DU

1200-21086 VU3SID

1224-21083 EA9IB

1229-21087 PY2T

1259-18102 SP9FKQ

1314-14092 AH2J

1318-14086 FG/DL5CF

1321-21085 VQ9LA

1341-14092 AH2J

1344-14087 EK6VA

1403-14081 E21YDP

1415-21081 JY4NE

1504-21082 TF3GC

1518-14085 TF3FK

1538-10142 RV9CPK

1556-14084 5R8RJ

1601-14087 TF3AO

1629-10147 JT1CO

1733-14088 TF3PPN

1818-7042 EA6BH

1849-14083 4L8A

1849-14085 ER570C
via ER1DA

1915-14082 CU2AF

2059-14085 N6D

2145-7038 HA500LG

2213-7041 VK6HD

Saturday 07

0716-14086 EK6VA

1122-21085 VQ9LA

1140-21084 4Z5PN

1232-21087 3B9FR

1254-18105 LU7HF

1318-14087 OY4TN

1340-14088 FG/DL5CF

1352-21081 FM5AA

1355-14085 IM0MBP

1400-18104 YM125ATA

1456-21081 3XM6JR

1506-14081 A6/A92DU

1522-14087 ER570C

1538-14090 3B9FR

1559-10140 S57OWA

1627-14086 UE6YYJ

1628-10144 MU0FAL

1631-10141 4X70R
via 4Z4TL

1634-10146 9K2HN

1636-14093 4X70R

1720-14080 EA6BH

1726-10140 DL5IB

1730-14084 IM0MBP

1733-10140 UA1RJ

1741-10141 CU2AF

1811-14087 OY4TN

1831-14092 EA8RR

1838-14082 OD5NF

1847-10142 4Z5PN

1910-14140 4X70R

1953-14081 3XM6JR

1954-7034 YT6A

2124-10139 DT8A

2225-7036 YM125ATA

2228-7041 4Z70R
via 4Z4TL

Sunday 08

0142-7040 VQ9LA

0742-14086 UN1EE

0915-18106 SU9FL

0919-14090 PT7AZ

0925-18102 9M2/JH3GCN

0925-14087 G8UBJ

0932-18103 UN1EE

0934-18102 YM125ATA

0945-18100 2E1LEC

0948-18100 OE3BOA

0956-14110 TF3AO

1014-18102 TF3PPN

1022-18099 AH2J

1023-18107 IR8DX

1038-18106 JM1LQW

1042-18100 S57DEI

1042-18102 LX1DA

1042-18105 PT7AZ

1147-18103 TF3GC

1207-21081 FR5AB

1257-18104 KP4JRS

1300-14082 YB0JIV

1322-18101 CN8IG

1324-18101 PZ5RA

1337-18106 KC2NMZ

1429-21089 ZS6JW

1434-18104 DL1BBR

1436-18103 LU7HF

1445-14085 G3IGU

1500-18105 SV3DCX

1507-14089 4X70R

1509-10104 JA8NFV

1543-14078 ON100BOIC
via ON4CRD

1602-18107 IS0YTA

1606-18108 EC1AAC

1608-18107 KB1JZU

1612-14084 IM0MBP

1616-18106 UT1PA

1618-18106 F1GTU

1620-14080 ER570C

1653-21087 PT7AZ

1655-24908 LU7HF

1658-24916 DL3VZL

1703-24917 SV3DCX

1712-14087 IS0AFM

1712-14089 EI6HB

1714-14085 XE3RBA

1727-14089 KP4FKN

1740-14086
TG9ANF

1837-14082
YV1FM

1910-10145
9K2HN

1927-10147
TK/F5OAM QSL via LoTW

1930-14082
LW1DXH

1954-14084
YV6DX

2002-14087
YV1RDX

2011-14083

LU2VCD

2016-14080
ON100BOIC

2035-28082
TG9AKH

2041-14084
XE3RBA

2135-7039
EC1AAQ

2152-7037
YM125ATA

Monday 09

0748-14078
3XM6JR

0818-14085
4Z70R

0844-14089
R1FJT

0935-18103
3XM6JR

0948-21085
VQ9LA

1026-18104
4Z70R

1039-28082
3XM6JR

1056-24919
4Z70R

1120-18101
VK6HD

1136-18104
YU150U

1312-18105 IU1WFC

1347-10142 JA8NFV

1511-14083 ON100BOIC

1516-14085 4Z70R

1653-10141 T99C

1714-14085 YU150NR

1729-10140 EU7SA

1849-10146 TK/F5OAM/P

1919-14081 FG1GW

1923-14081 TM6MXP

1931-14078 ON100BOIC

1939-14087 IS0AFM

1942-14084 KP4FKN

1951-14086 YV6DX

2004-14082 3XM6JR

2120-1840 EM750W

2134-14082 YV6DX

2136-10141 3XM6JR

2136-1840 SP9KDA

2213-1839 DL7CM

2222-1840 OZ8ABE

2239-1838 TK5IH

Tuesday 10

0243-10140 UA6JY

0800-18100 PT7AZ

0814-21086 JE4JPQ

1003-14083 R1FJT

1147-18102 3A2MW

1159-18102 UN1EE

1206-21083 VU3SID

1257-18102 PZ5RA

1346-18104 RA3WEU

1350-18101 EA1AAA

1528-14094 ON100BOIC

1601-14087 YU8DX

1602-14087 4L4CR

1603-14081 Z31MM

1604-14084 4Z70R

1607-14083 EA6/I1RSA

1608-14081 ST2A

1610-14081 ZS6AYE

1615-18104 CN8IG

1620-14085 TF3GC

1639-14078 4X70R

1811-14087 OX3WS

1822-14082 5Z4ES

1926-10145 TK/F5OAM

1930-3585 LA6JKA

2131-28081 PZ5RA

2137-28082 TG9AKH

2150-28082 N4PJ

2205-28081 PY2SRB

Wednesday 11

1146-14086 M5FRA

1242-14082 EA6/I1RSA

1518-14084 TF3FK

1525-14085 TF3GC

1527-14085 ST2A via T93Y

1529-14087 EA6/I1RSA

1532-14088 UN8PIM

1533-14086 IM0MBP

1603-14081 9H4CM

1608-14080 4Z70R

1634-14084 KP4FKN

1636-14088 IS0AFM

1641-14084 FR5MV

1658-14087 K0GZL South Dakota

1731-14082 EA6BH

1745-14085 3A2MW

1853-14085 K7LLC
Oregon

2119-14083 HC5T

Thursday 12

0428-7034 SP9KDA

0812-24925 UN7PBY

0854-18102 R1FJT

1055-14084 TF3FK

1217-18102 PT7AZ

1222-14084 4Z5PN

1400-14090 EX2M

1430-14085 ON100BOIC

1452-18106 TK/F5OAM

1511-14085 4Z70R

1528-14083 IM0MBP

1532-18106 SV5/DL3DRN

1533-18100 EA6BH

1544-18104 W5AP

1547-18106 EA3ANE

1548-18107 SV3DCX

1549-18103 EA5XU

1549-18103 DL2HZH

1550-18102 EA6BH

1603-18106 EA8RR

1610-14087 EA6/I1RSA

1711-14087 K0GZL
South Dakota

1750-7037 TK/F5OAM

1759-14080 EA8RR

1809-14081 EA9IB

1814-14090 PT7AZ

1934-14085 XU7ABN

1948-14086 EA8RR

Notes of interest:

This weekend sees the Makrothen contest.

The contest runs in three segments, Saturday 00:00 - 07:59 UTC

and 16:00 - 23:59 UTC and Sunday 08:00 - 15:59 UTC.

For the full rules see

http://home.arcor.de/waldemar.kebsch/The_Makrothen_Contest/

QSL Routes:

AH2J via JR1VAY

AKIRA FUJIMOTO

6-33-3, NAGAO, TAMA-KU,

KAWASAKI-CITY, KANAGAWA

JAPAN

ER570C via ER1DA

Valery Metaxa

PO Box 3000

Kishinev

MD-2071

MOLDOVA

4X70R & 4Z70R via 4Z4TL

Isaac Lindenbaum

PO Box 21224

Tel Aviv 61211

ISRAEL

ON100BOIC via ON4CRD

UBA Club CRD

Rue Thomas, 10

B5530 Durnal - Namur

BELGIUM

ST2A via T93Y

Boris Knezovic

P.O. Box 59

Sarajevo, BA-71000

BOSNIA-HERCEGOVINA

TK/F5OAM will QSL via LoTW and via the bureau.

The VK2SG RTTY DX NOTES are distributed every week via the

Winlink network, and are also available on the Internet at

URL http://mailman.qth.net/mailman/listinfo/vk2sg-rtty

and the digital-dx reflector.

To subscribe to the digital-dx reflector, send an e-mail

message to majordomo@mla.nifty.ne.jp as follows:

Subject:(blank) Message Body: subscribe digital-dx

For next week's bulletin, send your bandpass and notes of

interest to Luciano, I5FLN at e-mail: luciano.fusari@alice.it

GL and GD RTTY DX de

Phil Cooper GU0SUP

The Ohio/Penn DX Bulletin No. 779 - excerpts

3C0, ANNOBON ISLAND

Elmo, EA5BYP, informs OPDX that his next DXpedition is to the Island of Annobon

(Pagalu). He will arrive via Malabo-Bata-Annobon on October 20th, and will

remain on the island for 15 days and be activate as 3C0M. His equipment will be

a line amplifier, two HF equipment, a yagi antenna and dipoles. Elmo will be on

air on SSB (80-10m), RTTY (20-15m) and CW (160m).

9N, NEPAL

Tohru, JA0UMV, will be active from Katmandu as 9N7MV between October 26-30th.

This is his second DXpedition from Nepal. Activity this time will be on

40/30/20/17/15 meters only, SSB, CW and possibly RTTY. He will participate in

the CQ WWDX SSB Contest as a Single-Op/All-band/ Low-Power entry. Tohru will

operate CW outside of the contest, so look for him on the following suggested

frequencies: 7017, 10117, 14027, 18077 and 21027 kHz. QSL via his home callsign:

Tohru Kataoka, 15-9 Sakae, Kamo, Niigata 959-1382 JAPAN.

DXCC NEWS

Bill Moore, NC1L, ARRL DXCC Branch Manager, informs OPDX that the following

operation is approved for DXCC credit:

TT8LN - Chad; Operation from February 12th through June 5th, 2006

YU6AO CREDITS ON HOLD! On October 4th, 2006, Bill Moore, NC1L, ARRL DXCC Branch

Manager, reports:

"A number of DXers have had their YU6AO credits rejected by the DXCC Desk.

Although we are entering these confirmations, we are currently not allowing

DXCC credit because of possible irregularities in the QSLing process. We have

received several independent reports relating to the QSO dates, some QSOs made

prior to July 4th, 2006, being post-dated to dates July 4th and later. We take

this very seriously, and we are seeking clarification, but our latest attempt

to communicate with YU6AO has not been acknowledged. Once this matter is

cleared, credits already submitted can be claimed with a note to the DXCC

Branch Manager, Bill Moore at dxcc@arrl.org."

HR, HONDURAS (Topband)

Dan, HR2DMR, is now active on the topband. He will be trying out a new set of

antennas on 160 meters during October and November to be ready for the ARRL 160

Contest and CQ 160 Contest. Dan states that this is a good chance to work HR on

160 on CW, SSB and maybe RTTY between 0000-0500z. Suggested frequencies are:

1835, 1830 and 1825 kHz. He was also heard this past week on 40 meters SSB.

IOTA NEWS

AS-093. Operators Han/DS2GOO, Son/DS3HWS, Lee/6K2CEW and maybe a few others will

be active from Hong Island (WLOTA 1528, Grid Loc PM24OQ and Korean Districtionn

Number H32) during October 13-15th. They will sign homecall/4 and D90HE/4. They

will concentrate on 80-10 meters SSB but some digital modes like FSK or PSK31

are preferred. QSLs for D90HE/4 go to DS2GOO and all others via their home

callsigns. More information and a log search will be available at:

http://myhome.naver.com/dxer2han/as_093/

ST2, SUDAN (Bird Activities)

Nader, HZ1NH, is back in the Sudan as ST2NH. He will be active on satellites

trying to work Europe. His stay in Sudan is unkown. QSL via EA7FTR: Francisco

Lianez Suero, Asturias 23, 21110 Aljaraque, HUELVA, SPAIN.

SX1, GREECE (Special Event)

Look for special event station SX1VAR to be activated during the JOTA from

October 21-22nd. Also, look for special event station SX100VAR to be active

during the year 2007 (January 1st to December 31st) to celebrate the 100th

anniversary of the Boy Scouts. QSL info will be available on QRZ.com. Look for

details to become available soon on how to earn a award for working SX100VAR.

TK, CORSICA

Operators Kazik/DL2SBY, Tomi/HA4DX and Laci/HA0HW will be active as TK/homecall

between November 2-11th. Their QTH will be on the north part of Corsica (EU-014)

near a small village called Sisco. Activity will be on all HF bands (CW, SSB,

and Digital modes) but they will focus on the lower bands.

V6, MICRONESIA (Also KH2)

Four members of the Yamato Club (JA1ZEK) will be active from three different

islands of Micronesia between November 1-13th. Look for the following operators:

Sasi/JA1KJW (V63JQ), Mat/JA1JQY (V63JY), Hiro/JI1FOP (V63OP) and Kuni/JA8VE

(V63VE). Their planned schedule and destination is as follows:

November 1-6th - Kosrae Island (OC-059)

November 7-8th - Pohnpei Island (OC-010)

November 9-13th - Chuuk Island (OC-011)

November 14-15th - Guam Island (OC-026)

They will set up two stations and operate on 160-10 meters, SSB, CW and RTTY.

QSL V63JQ via JA1KJW, V63JY via JA1JQY, V63OP via JI1FOP and V63VE via JF1OCQ.

The Society can be contacted in the following ways: To Pat VK2JPA via patleeper at optusnet.com.au, or you can drop a line to PO Box 93 Toongabbie NSW 2146.

73’s from Pat VK2JPA broadcast Officer